EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5802220").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 16:15
S2	1	("5715325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 16:17
S3	3246	face with tracking	US-PGPUB; USPAT	OR	ON	2007/12/10 17:49
S4	8674	((382/118,218,190,276,103,107, 115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:50
S5	1057	S4 and ((face or head) with (track$4 or follow$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 17:52
S6	299	S4 and ((face or head) with (track$4 or follow$4) and predict$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 17:52
S8	108	S4 and ((face or head) with (track$4 or follow$4) and (predict$4 or estimat$5) and (video near sequence) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 17:54
S9	8687	((382/118,218,190,276,103,107, 115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/11 07:31

EAST Search History

S10	215	S9 and ((face or head) with (track$4 or follow$4) and (predict$4 or estimat$5) and (video near sequence))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 07:47
S11	108	S9 and ((face or head) with (track$4 or follow$4) and (predict$4 or estimat$5) and (video near sequence) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:08
S12	8687	((382/118,218,190,276,103,107, 115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/11 14:09
S13	361	S12 and ((object) with (detect) and (threshold) and (second) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:10
S14	1	S12 and ((object) with (detect) and (reduce near threshold) and (second) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:11
S15	3	S12 and ((object) with (detect) and (reduce near threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:13
S16	4	S12 and ((object or face) with (detect$4) and (reduce near threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:15

EAST Search History

S17	7	S12 and ((object or face) with (detect$4) and (reduce near precision))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:18
S18	0	S12 and ((object or face) with (detect$4) and (reduce near detail) and retry)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:18
S19	2	S12 and ((object or face) with (detect$4) and (reduce near detail) and repeat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:20
S20	1	S12 and ((object or face) with (detect$4) and (method near fail) and repeat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:21
S21	73	S12 and ((object or face) with (detect$4) and (heuristic$) and repeat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:36
S22	63	S12 and ((object or face) with (track$4) and (heuristic$) and repeat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:36
S23	1	S12 and ((object or face) with (track$4) and (heuristic$) and (repeat with lower))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:37

EAST Search History

S24	0	S12 and ((object or face) with (track$4) and (heuristic$) and (false near reject))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:38
S25	3	S12 and ((object or face) with (track$4) and (false near reject))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 17:51
S26	0	S12 and ((object or face) with (track$4) and (fine adj to adj coarse))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 17:51
S27	10	S12 and ((object or face) with (track$4) and ((fine or detail) adj2 (coarse or general)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 17:52
S28	0	((348/*) or (340/5.5.2,5,8.2)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:17
S29	2	("0000348").PN. or (340/5.5.2,5,8.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:18
S30	144400	(340/5.5.2,5,8.2).CCLS. or ("348").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:20

EAST Search History

S31	144920	(340/5.53,5.83).CCLS. or ("348").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:21
S32	8687	((382/118,218,190,276,103,107,115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:21
S33	108	S32 and ((face or head) with (track$4 or follow$4) and (predict$4 or estimat$5) and (video near sequence) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 16:22
S34	108	S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 16:21
S35	67	S31 and ((face or head) with (track$4 or follow$4) and (predict$4 or estimat$5) and (video near sequence) and detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 16:22
S36	48246	PORTER PORTER-R PORTER-ROBERT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 07:53
S37	98	S36 and (face with detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 11:02

EAST Search History

S38	1	("6408301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/13 11:24
S39	0	("200103292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/13 11:25
S40	0	("2001053292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/13 11:25
S41	1	("20010053292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/13 11:40
S42	1	("20020031262").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/13 11:40
S43	0	("(faceorhead)anddetect$6andtrack$5andvideoand(facenear2position)").PN.	US-PGPUB	OR	OFF	2007/12/18 08:46
S44	12935	(head or face) and track$5 and detect$5 and (video or sequence) and threshold	US-PGPUB	OR	ON	2007/12/18 08:47
S45	70	((head or face) and track$5 and detect$5 and (video or sequence) and threshold).clm.	US-PGPUB	OR	ON	2007/12/18 08:48
S46	33	((head or face) and track$5 and detect$5 and (video or sequence) and threshold and detector).clm.	US-PGPUB	OR	ON	2007/12/18 08:48
S47	8714	((382/118,218,190,276,103,107, 115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/18 17:43
S48	153	S47 and eigen	US-PGPUB; USPAT	OR	ON	2007/12/18 17:43
S49	8714	((382/118,218,190,276,103,107, 115,190) or (345/589)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/19 07:39
S50	107	S49 and eigen and face	US-PGPUB; USPAT	OR	ON	2007/12/19 08:10
S51	0	S49 and face and (project$5 with area with eigen)	US-PGPUB; USPAT	OR	ON	2007/12/19 08:11

EAST Search History

S52	0	face and (project$5 with area with eigen)	US-PGPUB; USPAT	OR	ON	2007/12/19 08:12
S53	35	face and eigen and (project$5 with area)	US-PGPUB; USPAT	OR	ON	2007/12/19 09:50
S54	24	face and (eigen with area)	US-PGPUB; USPAT	OR	ON	2007/12/19 10:01
S55	1	("5680481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/19 10:01
S56	0	("S47and(facewithdetect$5)andsurveillance").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/19 11:43
S57	258	"47" and (face with detect$5) and surveillance	US-PGPUB; USPAT	OR	ON	2007/12/19 11:43
S58	140	("47" and (face with detect$5) and surveillance) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 11:44
S59	387	"47" and track$5 and (detect$5 with fail) and predict and (abandon or quit or stop)	US-PGPUB; USPAT	OR	ON	2007/12/19 13:51
S60	176	("47" and track$5 and (detect$5 with fail) and predict and (abandon or quit or stop)) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 13:53
S61	8	(S49 and track$5 and (detect$5 with fail) and predict and (abandon or quit or stop)) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 15:17
S62	0	(S49 and (track$5 with loss) and (detect$5) and predict and (abandon or quit)) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 15:18
S63	5	(S49 and (track$5 with loss) and (abandon or quit or stop)) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 15:24
S64	51	(S49 and (track$5 with (loss or miss or fail or skip) and (estimate or guess or predict))) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 16:06
S65	0	(S49 and ((multiple near5 track$5) with (loss or miss or fail or skip))) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 16:07
S66	163	(S49 and ((multiple near5 track$5))) and @ay<"2003"	US-PGPUB; USPAT	OR	ON	2007/12/19 16:07
S67	2	redding.xa. and "382".clas.	US-PGPUB; USPAT	OR	ON	2007/12/19 16:26

EAST Search History

S68	48286	PORTER PORTER-R PORTER-ROBERT-M PORTER-ROBERT-MARK-STEFANP ORTER-ROBERT-MARK-STEPHAN PORTER-ROBERT-M-S PORTER-ROBERT-STEFAN PORTER-ROBERT-STEPHEN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 07:54
S69	11478	(PORTER PORTER-R PORTER-ROBERT-M PORTER-ROBERT-MARK-STEFANP ORTER-ROBERT-MARK-STEPHAN PORTER-ROBERT-M-S PORTER-ROBERT-STEFAN PORTER-ROBERT-STEPHEN).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 07:54
S70	177	(PORTER PORTER-R PORTER-ROBERT-M PORTER-ROBERT-MARK-STEFANP ORTER-ROBERT-MARK-STEPHAN PORTER-ROBERT-M-S PORTER-ROBERT-STEFAN PORTER-ROBERT-STEPHEN).in. and (tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 07:56
S71	1	(PORTER-R PORTER-ROBERT-M PORTER-ROBERT-MARK-STEFANP ORTER-ROBERT-MARK-STEPHAN PORTER-ROBERT-M-S PORTER-ROBERT-STEFAN PORTER-ROBERT-STEPHEN).in. and (tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 07:56
S72	19	(PORTER-R PORTER-ROBERT-M PORTER-ROBERT-MARK-STEFAN PORTER-ROBERT-MARK-STEPHAN PORTER-ROBERT-M-S PORTER-ROBERT-STEFAN PORTER-ROBERT-STEPHEN).in. and (tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 08:01
S73	20	(RAMBARUTH RAMBARUTH-R RAMBARUTH-RANA RAMBARUTH-RATNA).in. and (tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 08:05
S74	102	(HAYNES-S HAYNES-SIMON HAYNES-SIMON-D HAYNES-SIMON-DOMINIC).in. and (tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 08:19

Search Results

Results for "(poggio <in> au) <and> (13123 <in> isnumber)"
Your search matched **1** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

Modify Search

(poggio <in> au) <and> (13123 <in> isnumber) Search

☐ Check to search only within this results set

Display Format: ◉ Citation ○ Citation & Abstract

» **Search Options**

View Session History

New Search

» **Key**

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

IEEE/IET **Application Notes [Beta]**

Practical applied content provided by GlobalSpec to explain, illustrate and promote tech or endorsed by the IEEE.

view selected items **Select All** **Deselect All**

☐ 1. **Linear object classes and image synthesis from a single example image**
Vetter, T.; Poggio, T.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 19, Issue 7, July 1997 Page(s):733 - 742
Digital Object Identifier 10.1109/34.598230
AbstractPlus | References | Full Text: PDF(1020 KB) **IEEE JNL**
Rights and Permissions

Search Results

Results for **"(moghaddam <in> metadata) <and> (13123 <in> isnumber)"**
Your search matched **1** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

Modify Search

(moghaddam <in> metadata) <and> (13123 <in> isnumber) Search

☐ Check to search only within this results set

Display Format: ◉ Citation ○ Citation & Abstract

» Search Options

View Session History

New Search

IEEE/IET **Application Notes [Beta]**

IEEE/IET journals, transactions, letters, magazines, and conference proceedings.

view selected items **Select All** **Deselect All**

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

☐ 1. **Probabilistic visual learning for object representation**
Moghaddam, B.; Pentland, A.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 19, Issue 7, July 1997 Page(s):696 - 710
Digital Object Identifier 10.1109/34.598227
AbstractPlus | References | Full Text: PDF(4440 KB) **IEEE JNL**
Rights and Permissions

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Thu, 20 Dec 2007, 8:35:46 AM EST

Search Query Display

Run Search Reset

Recent Search Queries

#1 ((porter)<in>au)

#2 ((robert porter)<in>au)

#3 ((porter r.)<in>au)

#4 ((robert m. porter)<in>au)

#5 ((rambaruth r.)<in>au)

#6 ((haynes s.)<in>au)

Clear Session History

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: ◉ The ACM Digital Library ○ The Guide

+author:Robert +author:Porter

USPTO

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used: Robert Porter

Found 2 of 216,199

Sort results by: relevance

Display results: expanded form

Save results to a Binder

Search Tips

☐ Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 2 of 2

Relevance scale

1 Distributed ray tracing

Robert L. Cook, Thomas Porter, Loren Carpenter

January 1984 **ACM SIGGRAPH Computer Graphics , Proceedings of the 11th annual conference on Computer graphics and interactive techniques SIGGRAPH '84**, Volume 18 Issue 3

Publisher: ACM Press

Full text available: pdf(909.54 KB) Additional Information: full citation, abstract, references, citings, index terms

Ray tracing is one of the most elegant techniques in computer graphics. Many phenomena that are difficult or impossible with other techniques are simple with ray tracing, including shadows, reflections, and refracted light. Ray directions, however, have been determined precisely, and this has limited the capabilities of ray tracing. By distributing the directions of the rays according to the analytic function they sample, ray tracing can incorporate fuzzy phenomena. This provides c ...

Keywords: Camera, Constructive solid geometry, Depth of field, Focus, Gloss, Motion blur, Penumbras, Ray tracing, Shadows, Translucency, Transparency

2 Contributed session 2: Towards a general theory of non-cooperative computation

Robert McGrew, Ryan Porter, Yoav Shoham

June 2003 **Proceedings of the 9th conference on Theoretical aspects of rationality and knowledge TARK '03**

Publisher: ACM Press

Full text available: pdf(577.66 KB) Additional Information: full citation, abstract, references, citings, index terms

We generalize the framework of non-cooperative computation (NCC), recently introduced by Shoham and Tennenholtz, to apply to cryptographic situations. We consider functions whose inputs are held by separate, self-interested agents. We consider four components of each agent's utility function: (a) the wish to know the correct value of the function, (b) the wish to prevent others from knowing it, (c) the wish to prevent others from knowing one's own private input, and (d) the wish to know other ag ...

Results 1 - 2 of 2

Useful downloads: [Adobe Acrobat] [QuickTime] [Windows Media Player] [Real Player]

Subscribe (Full Service) Register (Limited Service, Free) Login

PORTAL

USPTO

Search: The ACM Digital Library The Guide

+author:Rambaruth

Nothing Found

Your search for **+author:Rambaruth** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  `sales offices`

  You can also enter a full question or concept in plain language.

  `Where are the sales offices?`

- Capitalize proper nouns to search for specific people, places, or products.

  `John Colter, Netscape Navigator`

- Enclose a phrase in double quotes to search for that exact phrase.

  `"museum of natural history" "museum of modern art"`

- Narrow your searches by using a + if a search term must appear on a page.

  `museum +art`

- Exclude pages by using a - if a search term must not appear on a page.

  `museum -Paris`

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

`museum +"natural history" dinosaur -Chicago`

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL
USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: ◉ The ACM Digital Library ○ The Guide

+author:Haynes

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Term used: Haynes

Found **47** of **216,199**

Sort results by: relevance

Display results: expanded form

Save results to a Binder
Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 47

Result page: **1** 2 3 next

Relevance scale

1 Seeking inspiration from design: Collaborative architecture design and evaluation
Steven R. Haynes, Amie L. Skattebo, Jonathan A. Singel, Mark A. Cohen, Jodi L. Himelright
June 2006 **Proceedings of the 6th conference on Designing Interactive systems DIS '06**
Publisher: ACM
Full text available: pdf(305.74 KB) Additional Information: full citation, abstract, references, index terms

In this paper we describe a collaborative environment created to support distributed evaluation of a complex system architecture. The approach couples an interactive architecture browser with collaborative walkthroughs of an evolving architectural representation. The collaborative architecture browser was created to facilitate involvement of project stakeholders from geographically dispersed, heterogeneous organizations. The paper provides a rationale for the approach, describes the system creat ...

Keywords: architecture, design, evaluation, integration

2 Systems biology and malaria
Elizabeth A. Winzeler, Karine G. Le Roch, Yingyao Zhou, Peter L. Blair, Muni Grainger, J. Kathleen Moch, J. David Haynes, Patricia De la Vega, Anthony A. Holder, Serge Batalov, Daniel J. Carucci
March 2004 **Proceedings of the eighth annual international conference on Resaerch in computational molecular biology RECOMB '04**
Publisher: ACM Press
Full text available: pdf(98.01 KB) Additional Information: full citation, abstract

Malaria is the cause of significant global morbidity and mortality with 300-500 million cases annually. Despite its disease burden relatively little is known about the molecular biology of the pathogen that causes malaria. For example, the completion of the genome sequence of Plasmodium falciparum, the species responsible for the most severe form of human malaria revealed that only 35% of the genes code for proteins with an identifiable function. In addition, little is known about how transcript ...

3 Structure of a Polish String language for an Algol 60 language processor
Leonard S. Haynes
November 1973 **ACM SIGPLAN Notices , Proceedings of a symposium on High-level-language computer architecture SIGPLAN '73**, Volume 8 Issue 11

Publisher: ACM Press
Full text available: pdf(708.70 KB) Additional Information: full citation, references

4 The architecture of an ALGOL 60 computer implemented with distributed processors
Leonard S. Haynes
March 1977 **ACM SIGARCH Computer Architecture News , Proceedings of the 4th annual symposium on Computer architecture ISCA '77**, Volume 5 Issue 7
Publisher: ACM Press
Full text available: pdf(599.05 KB) Additional Information: full citation, abstract, references, citings, index terms

In conventional computer systems, the computer hardware does not actual ly execute the user's source program. Instead, a software compiler and link editor transform the program into low level machine code which is executed by the hardware. This mapping from a high-level language to a von Neumann instruction set is a. Computationally costly because compilers and link editors are big and slow. b. Inefficient because the object code is generally poor.

5 Evaluation of incomplete elliptic integrals by gaussian integration
John G. Haynes
January 1956 **Proceedings of the 1956 11th ACM national meeting ACM '56**
Publisher: ACM Press
Full text available: pdf(151.43 KB) Additional Information: full citation, abstract, references, index terms

For the first method the classic tables of Legendre1 are available which give functional values of both integrals, to 9 decimal digits of accuracy, by one degree increments of the amplitude and the modulus. For a very restricted range of Ø and k, table look-up with linear interpolation is feasible. For any amount of generality, a rather large table must be stored and non-linear interpolation used. This can become quite costly in both space and time in computers w ...

6 Structure of a Polish String language for an Algol 60 language processor
Leonard S. Haynes
November 1973 **Proceedings of the ACM-IEEE symposium on High-level-language computer architecture**
Publisher: ACM Press
Full text available: pdf(722.16 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper reports on the Polish String intermediate language used in the hardware high level language processor for Algol 60. The intermediate language was pinpointed because it is the most important aspect of the language processor, affecting the entire design. The reader is referred to Gries (1) for a good description of the basic operation of a Polish String processor, and to the Bu rroughs B5500 (2) for an example of a system using a Polish String intermediate language. This paper attem ...

7 ORACLE a tool for learning compiler writing
William R. Haynes, Charles E. Hughes, Charles P. Pfleeger
February 1977 **ACM SIGCSE Bulletin , Proceedings of the seventh SIGCSE technical symposium on Computer science education SIGCSE '77**, Volume 9 Issue 1
Publisher: ACM Press
Full text available: pdf(1.10 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes a compiler called ORACLE which allows a student to exami ne the actions performed by a simple compiler. Two features are provided to assist the student. The first called replacement mode, provides the necessary conditions to simulate the

replacement of three compiler components: symbol table management, lexical analysis, and syntax analysis. Each replacement module is monitored by ORACLE in order to detect errors and to verify correct operation. The second, a trace optio ...

8 Continuations and coroutines
Christopher T. Haynes, Daniel P. Friedman, Mitchell Wand
August 1984 **Proceedings of the 1984 ACM Symposium on LISP and functional programming LFP '84**
Publisher: ACM Press
Full text available: pdf(443.89 KB) Additional Information: full citation, abstract, references, citings, index terms

The power of first class continuations is demonstrated by implementing a variety of coroutine mechanisms using only continuations and functional abstraction. The importance of general abstraction mechanisms such as continuations is discussed.

9 Engines build process abstractions
Christopher T. Haynes, Daniel P. Friedman
August 1984 **Proceedings of the 1984 ACM Symposium on LISP and functional programming LFP '84**
Publisher: ACM Press
Full text available: pdf(497.54 KB) Additional Information: full citation, abstract, references, citings, index terms

Engines are a new programming language abstraction for timed preemption. In conjunction with first class continuations, engines allow the language to be extended with a time-sharing implementation of process abstraction facilities. To illustrate engine programming techniques, we implement a round-robin process scheduler. The importance of simple but powerful primitives such as engines is discussed.

10 Government data bases II - GDB II: Geographic data base image processing at Mississippi State
Rena A. Haynes
March 1980 **Proceedings of the 18th annual Southeast regional conference ACM-SE 18**
Publisher: ACM Press
Full text available: pdf(376.99 KB) Additional Information: full citation

11 A generalized combinatorial problem
John G. Haynes
August 1962 **Communications of the ACM**, Volume 5 Issue 8
Publisher: ACM Press
Full text available: pdf(184.45 KB) Additional Information: full citation

Keywords: combinatorial analysis, graph theory, organization of information

12 Expansion-passing style: beyond conventional macros
R. Kent Dybvig, Daniel P. Friedman, Christopher T. Haynes
August 1986 **Proceedings of the 1986 ACM conference on LISP and functional programming LFP '86**
Publisher: ACM Press

Full text available: pdf(566.53 KB) Additional Information: full citation, references, citings

13 Constraining control
Daniel P. Friedman, Christopher T. Haynes
January 1985 **Proceedings of the 12th ACM SIGACT-SIGPLAN symposium on Principles of programming languages POPL '85**
Publisher: ACM Press
Full text available: pdf(830.31 KB) Additional Information: full citation, abstract, citings, index terms

Continuations, when available as first-class objects, provide a general control abstraction in programming languages. They liberate the programmer from specific control structures, increasing programming language extensibility. Such continuations may be extended by embedding them in functional objects. This technique is first used to restore a fluid environment when a continuation object is invoked. We then consider techniques for constraining the power of continuations in the interest of s ...

14 A simulation of adaptive agents in a hostile environment
Thomas D. Haynes, Roger L. Wainwright
February 1995 **Proceedings of the 1995 ACM symposium on Applied computing SAC '95**
Publisher: ACM Press
Full text available: pdf(669.79 KB) Additional Information: full citation, references, citings, index terms

Keywords: autonomous agent, genetic programming, parallel evaluation of fitness, variable fitness function

15 Embedding continuations in procedural objects
Christopher T. Haynes, Daniel P. Friedman
October 1987 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 9 Issue 4
Publisher: ACM Press
Full text available: pdf(1.18 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Continuations, when available as first-class objects, provide a general control abstraction in programming languages. They liberate the programmer from specific control structures, increasing programming language extensibility. Such continuations may be extended by embedding them in procedural objects. This technique is first used to restore a fluid environment when a continuation object is invoked. We then consider techniques for constraining the power of continuations in the interest of s ...

16 Experience with an analytic approach to teaching programming languages
Christopher T. Haynes
March 1998 **ACM SIGCSE Bulletin , Proceedings of the twenty-ninth SIGCSE technical symposium on Computer science education SIGCSE '98**, Volume 30 Issue 1
Publisher: ACM Press
Full text available: pdf(728.78 KB) Additional Information: full citation, abstract, references, index terms

Through the use of interpreters it is possible to teach programming languages in an analytic way without the mathematical overhead associated with other formal methods. This is a natural evolution of programming language pedagogy from present approaches that are largely descriptive. As a bonus, students receive training in the use of meta-linguistic abstraction in program design. An example of this approach is presented along

with suggested variations and discussion of a number of practical cons ...

17 Compiling: a high-level introduction using Scheme
Christopher T. Haynes
March 1997 **ACM SIGCSE Bulletin , Proceedings of the twenty-eighth SIGCSE technical symposium on Computer science education SIGCSE '97**, Volume 29 Issue 1
Publisher: ACM Press
Full text available: pdf(664.74 KB) Additional Information: full citation, abstract, references, citings, index terms

Traditional compilation courses use formal methods for parsing, but treat the more important semantic aspects informally. We present a one semester course in which compiler development is reduced to a number of transformation steps, each of which is formally specified, easily tested, and clearly motivated by semantic considerations. The source language is substantial (essentially the host language of the compiler) and the target is a popular RISC architecture.

18 Type reconstruction for variable-arity procedures
Hsianlin Dzeng, Christopher T. Haynes
July 1994 **ACM SIGPLAN Lisp Pointers , Proceedings of the 1994 ACM conference on LISP and functional programming LFP '94**, Volume VII Issue 3
Publisher: ACM Press
Full text available: pdf(963.67 KB) Additional Information: full citation, abstract, references, citings, index terms

An ML-style type system with variable-arity procedures is defined that supports both optional arguments and arbitrarily-long argument sequences. A language with variable-arity procedures is encoded in a core-ML variant with infinitary tuples. We present an algebra of infinitary tuples and solve its unification problem. The resulting type discipline preserves principal typings and has a terminating type reconstruction algorithm. The expressive power of infinitary tuples is illustrated.

19 Standard-output: Scheme standardization
Christopher T. Haynes
April 1990 **ACM SIGPLAN Lisp Pointers**, Volume III Issue 2-4
Publisher: ACM Press
Full text available: pdf(227.04 KB) Additional Information: full citation, abstract, index terms

This is a brief report of efforts to standardize the Scheme programming language. Scheme inherits Lisp's rich set of symbol manipulation primitives, latent storage allocation, dynamic type checking, and simple syntax. Scheme is distinguished from most Lisp dialects by a single variable environment, block structure with static scope, and uniform evaluation of the operator and operand positions of a procedure call. Since there is no storage penalty for tail-recursive procedure calls, they may be u ...

20 Evaluation methods: Situating evaluation in scenarios of use
Steven R. Haynes, Sandeep Purao, Amie L. Skattebo
November 2004 **Proceedings of the 2004 ACM conference on Computer supported cooperative work CSCW '04**
Publisher: ACM Press
Full text available: pdf(374.74 KB) Additional Information: full citation, abstract, references, citings, index terms

We report on the use of scenario-based methods for evaluating collaborative systems. We describe the method, the case study where it was applied, and provide results of its efficacy in the field. The results suggest that scenario-based evaluation is effective in helping to focus evaluation efforts and in identifying the range of technical, human,

organizational and other contextual factors that impact system success. The method also helps identify specific actions, for example, prescriptions ...

Keywords: CSCW, computer-supported cooperative work, evaluation, scenario-based evaluation

Results 1 - 20 of 47 Result page: **1** 2 3 next

SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

SPIE Digital Library | Proceedings | Journals

My SPIE Subscription | My E-mail Alerts | My Article Collections

Home » **Advanced Search** » Search Results

SEARCH DIGITAL LIBRARY

Search

Advanced Search

BROWSE PROCEEDINGS
- Proceedings
  - By Year
  - By Symposium
  - By Volume No.
  - By Volume Title
  - By Technology

BROWSE JOURNALS
- Journals
  - Optical Engineering
  - J. Electronic Imaging
  - J. Biomedical Optics
  - J. Micro/ Nanolithography, MEMS, and MOEMS
  - J. Applied Remote Sensing
  - J. Nanophotonics

SUBSCRIPTIONS & PRICING
- Institutions & Corporations
- Personal subscriptions

GENERAL INFORMATION
- About the Digital Library
- Terms of Use
- SPIE Home

[Back to Search Query | Start New Search | Searching Hints]

Search Results

You were searching for : (porter, R <IN> author)

You found 18 out of 249739 (18 returned)
Documents 1 - 18 listed on this page

Options for selected Articles

Check Article(s) then ... Go

Adding to MyArticles will open a second window (Scitation login required). YOUR CART

[Related SPIE Products]

76% 1. ☐ **Building robust appearance models using on-line feature selection**
R. Porter, R. Loveland, and E. Rosten
Proc. SPIE **6574**, 657409 (2007) **Full Text:** [PDF (639 kB)] (9 pages)

61% 2. ☐ **Spectral morphology for feature extraction from multi- and hyper-spectral imagery**
Neal R. Harvey and Reid B. Porter
Proc. SPIE **5806**, 100 (2005) **Full Text:** [PDF (593 kB)] (12 pages)

61% 3. ☐ **Multimodal approach to feature extraction for image and signal learning problems**
Damian R. Eads, Steven J. Williams, James Theiler, Reid Porter, Neal R. Harvey, Simon J. Perkins, Steven P. Brumby, and Nancy A. David
Proc. SPIE **5200**, 79 (2004) **Full Text:** [PDF (193 kB)] (12 pages)

61% 4. ☐ **OmniSense: visually enhanced tracking system (OVETS)**
Russell L. Thomas and Richard D. Porter
Proc. SPIE **5090**, 474 (2003) **Full Text:** [PDF (550 kB)] (11 pages)

61% 5. ☐ **Investigation of automated feature extraction using multiple data sources**
Neal R. Harvey, Simon J. Perkins, Paul A. Pope, James P. Theiler, Nancy A. David, and Reid B. Porter
Proc. SPIE **5099**, 190 (2003) **Full Text:** [PDF (138 kB)] (11 pages)

61% 6. ☐ **Genetic Algorithms and Support Vector Machines for Time Series Classification**
Damian R. Eads, Daniel Hill, Sean Davis, Simon J. Perkins, Junshui Ma, Reid B. Porter, and James P. Theiler
Proc. SPIE **4787**, 74 (2002) **Full Text:** [PDF (356 kB)] (12 pages)

61% 7. ☐ **OmniSense: visually enhanced tracking system**
Russell Thomas and Richard Porter
Proc. SPIE **4743**, 129 (2002) **Full Text:** [PDF (508 kB)] (12 pages)

61% 8. ☐ **Automated simultaneous multiple feature classification of MTI data**
Neal R. Harvey, James P. Theiler, Lee K. Balick, Paul A. Pope, John J. Szymanski, Simon J. Perkins, Reid B. Porter, Steven P. Brumby, Jeffrey J. Bloch, Nancy A. David, and Mark C. Galassi
Proc. SPIE **4725**, 346 (2002) **Full Text:** [PDF (395 kB)] (11 pages)

61% 9. ☐ **Feature extraction from multiple data sources using genetic programming**
John J. Szymanski, Steven P. Brumby, Paul A. Pope, Damian R. Eads, Diana M. Esch-Mosher, Mark C. Galassi, Neal R. Harvey, Hersey D. McCulloch, Simon J. Perkins, Reid B. Porter, James P. Theiler, Aaron C. Young, Jeffrey J. Bloch, and Nancy A. David
Proc. SPIE **4725**, 338 (2002) **Full Text:** [PDF (321 kB)] (8 pages)

61% 10. ☐ **Evolving a spatio-spectral network on reconfigurable computers for multispectral feature identification**
Reid B. Porter, Maya Gokhale, Neal R. Harvey, Simon J. Perkins, and Aaron C. Young
Proc. SPIE **4480**, 108 (2002) **Full Text:** [PDF (681 kB)] (12 pages)

61% 11. ☐ **Advanced processing for high-bandwidth sensor systems**
John J. Szymanski, Phil C. Blain, Jeffrey J. Bloch, Christopher M. Brislawn, Steven P. Brumby, Maureen M. Cafferty, Mark E. Dunham, Janette R. Frigo, Maya Gokhale, Neal R. Harvey, Garrett Kenyon, Won-Ha Kim, J. Layne, Dominique D. Lavenier, Kevin P. McCabe, Melanie Mitchell, Kurt R. Moore, Simon J. Perkins, Reid B. Porter, S. Robinson, Alfonso Salazar, James P. Theiler, and Aaron C. Young

Proc. SPIE **4132**, 83 (2000) **Full Text:** [PDF (207 kB)] (8 pages)

61% 12. ☐ **Parallel evolution of image processing tools for multispectral imagery**
Neal R. Harvey, Steven P. Brumby, Simon J. Perkins, Reid B. Porter, James P. Theiler, Aaron C. Young, John J. Szymanski, and Jeffrey J. Bloch
Proc. SPIE **4132**, 72 (2000) **Full Text:** [PDF (290 kB)] (11 pages)

61% 13. ☐ **GENIE: a hybrid genetic algorithm for feature classification in multispectral images**
Simon J. Perkins, James P. Theiler, Steven P. Brumby, Neal R. Harvey, Reid B. Porter, John J. Szymanski, and Jeffrey J. Bloch
Proc. SPIE **4120**, 52 (2000) **Full Text:** [PDF (275 kB)] (11 pages)

61% 14. ☐ **Genetic algorithm for combining new and existing image processing tools for multispectral imagery**
Steven P. Brumby, Neal R. Harvey, Simon J. Perkins, Reid B. Porter, John J. Szymanski, James P. Theiler, and Jeffrey J. Bloch
Proc. SPIE **4049**, 480 (2000) **Full Text:** [PDF (3858 kB)] (11 pages)

61% 15. ☐ **Evolving retrieval algorithms with a genetic programming scheme**
James P. Theiler, Neal R. Harvey, Steven P. Brumby, John J. Szymanski, Steve Alferink, Simon J. Perkins, Reid B. Porter, and Jeffrey J. Bloch
Proc. SPIE **3753**, 416 (1999) **Full Text:** [PDF (2471 kB)] (10 pages)

61% 16. ☐ **Mechanics of granular materials (MGM)**
Khalid A. Alshibli, Nicholas C. Costes, and Ronald F. Porter
Proc. SPIE **2809**, 303 (1996) **Full Text:** [PDF (395 kB)] (8 pages)

61% 17. ☐ **Software requirements and support for image-algebraic analysis, detection, and recognition of small targets**
Mark S. Schmalz, Gerhard X. Ritter, Robert H. Forsman, Chyuan-Huei T. Yang, Wen-Chen Hu, Ryan A. Porter, Gary McTaggart, James F. Hranicky, and James F. Davis
Proc. SPIE **2496**, 736 (1995) **Full Text:** [PDF (1460 kB)] (12 pages)

61% 18. ☐ **Wavefront reconstruction of acoustic waves in a variable ocean**
Robert P. Porter, Pierre D. Mourad, and Azmi Al-Kurd
Proc. SPIE **1558**, 91 (1991) **Full Text:** [PDF (477 kB)

] (12 pages)

SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

SPIE Digital Library | Proceedings | Journals

My SPIE Subscription | My E-mail Alerts | My Article Collections

Home » Advanced Search » Search Results

SEARCH DIGITAL LIBRARY

Search

Advanced Search

BROWSE PROCEEDINGS

- Proceedings
  - By Year
  - By Symposium
  - By Volume No.
  - By Volume Title
  - By Technology

BROWSE JOURNALS

- Journals
  - Optical Engineering
  - J. Electronic Imaging
  - J. Biomedical Optics
  - J. Micro/ Nanolithography, MEMS, and MOEMS
  - J. Applied Remote Sensing
  - J. Nanophotonics

SUBSCRIPTIONS & PRICING

- Institutions & Corporations
- Personal subscriptions

GENERAL INFORMATION

- About the Digital Library
- Terms of Use
- SPIE Home

[Start New Search | Searching Hints]

You were searching for : (haynes,S <IN> author)
No documents found for your query.

home | proceedings | journals

Terms of Use | Privacy Policy | Contact

SPIE

[Start New Search | Searching Hints]

You were searching for : (haynes, simon <IN> author)
No documents found for your query.

SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

SPIE Digital Library | Proceedings | Journals

My SPIE Subscription | My E-mail Alerts | My Article Collections

Home » Advanced Search » Search Results

SEARCH DIGITAL LIBRARY

Search

Advanced Search

BROWSE PROCEEDINGS

- Proceedings
  - By Year
  - By Symposium
  - By Volume No.
  - By Volume Title
  - By Technology

BROWSE JOURNALS

- Journals
  - Optical Engineering
  - J. Electronic Imaging
  - J. Biomedical Optics
  - J. Micro/ Nanolithography, MEMS, and MOEMS
  - J. Applied Remote Sensing
  - J. Nanophotonics

SUBSCRIPTIONS & PRICING

- Institutions & Corporations
- Personal subscriptions

GENERAL INFORMATION

- About the Digital Library
- Terms of Use
- SPIE Home

[Start New Search | Searching Hints]

You were searching for : (rambaruth <IN> author)
No documents found for your query.

home | proceedings | journals

Terms of Use | Privacy Policy | Contact

SPIE